Amendments to the Claims:

Please amend the claims as follows:

1. (Currently Amended:) A resin system, comprising:

(a) a water curable isocyanate functionalized prepolymer;

(b) a first catalyst chemically bound-in to said prepolymer, wherein said first catalyst comprises a mixture of ionically and covalently bound-in catalysts ; and

(c) a second catalyst soluble in water and insoluble in the prepolymer, wherein said second catalyst includes a hydrophilic coating.

2. (Canceled)

3. (Canceled):

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled).

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Previously Amended): A method for treating an injury to a body part, comprising the steps of:

(a) providing an orthopaedic splinting material, including

(i) a flexible substrate; and

(ii) a moisture-curable resin system impregnated in or coated on said substrate and including a water curable isocyanate functionalized prepolymer, a first catalyst chemically bound-in to said prepolymer, and a second catalyst soluble in water and insoluble in the prepolymer, wherein said second catalyst includes a hydrophilic coating;

(b) exposing the substrate to moisture in an amount sufficient to activate the moisture-curable resin on the substrate; and

(c) positioning said splinting material around the body part to be treated and maintaining the splinting material in a preselected position relative to the body part for a sufficient period of time for the splinting material to harden, whereby the splinting material hardens into a rigid supporting structure custom-fitted to the body part to be treated.

18. (Previously Amended): A resin system, comprising a water curable, isocyanate

functionalized prepolymer wherein the curing reaction is catalysed by a first chemically bound-in catalyst and a second not chemically bound-in catalyst:

(a) said first catalyst comprising a tertiary amine catalyst selected from the group consisting of 1-(2-hydroxyethyl) pyrrolidine, 1-methyl piperazine, 1-methyl-2-piperidine methanol, 1,4-bis(2-hydroxyethyl) piperazine 2[2-(dimethylamino)ethyl] methyl amino ethanol, gramine, 3-morpholino-1,2-propanediol, 1,4-bis(3-aminopropyl)piperazine, tropine, 3-aminopropyl morpholine, 4,2-hydroxyethyl morpholine, 3,3-diamino-N-methyl dipropylamine, 1,4-bis(2-hydroxypropyl)-2-methylpiperazine 1-(2-hydroxypropyl)imidazole, 3-dimethyl amino propanol, and β-hydroxy-4-morpholine propane sulphonic acid;

(b) said second catalyst is soluble in water and insoluble in said prepolymer; and

(c) the first and second catalysts together show a synergistic effect whereby the reaction rate between water and the prepolymer is increased.

19. (Original): A resin system comprising at least a water curable, isocyanate functionalized prepolymer, wherein the curing reaction is catalysed by a first chemically bound-in catalyst and a second not chemically bound-in catalyst being coated with a hydrophilic coating.